

DOCKET NO.: 279.087US3

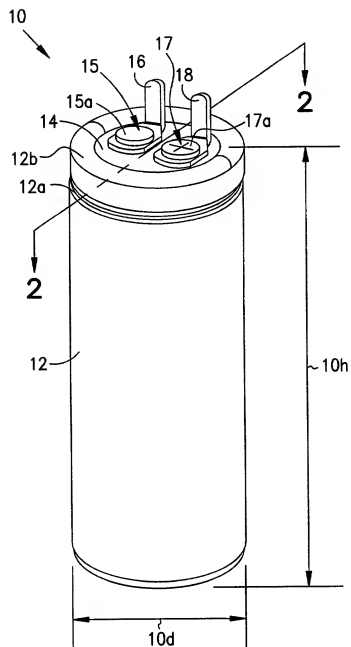
 $\frac{1}{4}$ 

FIG. 1

Figure 1 consists of 12 sub-diagrams, each showing a graph with 6 nodes (represented by circles) and 10 edges. The edges are labeled with numbers 1 through 10. The sub-diagrams are numbered 1 through 12, representing the steps of the proposed algorithm. In each step, some edges are highlighted in red, indicating the current state of the algorithm. The sequence of steps shows the algorithm iteratively adding and removing edges to find a minimum spanning tree.

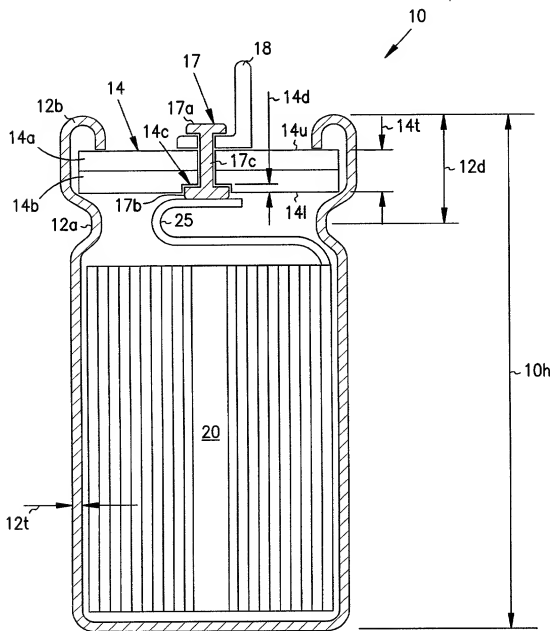


FIG. 2

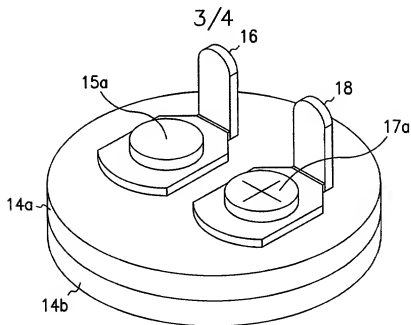


FIG. 3

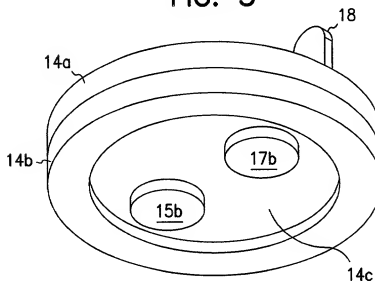


FIG. 4

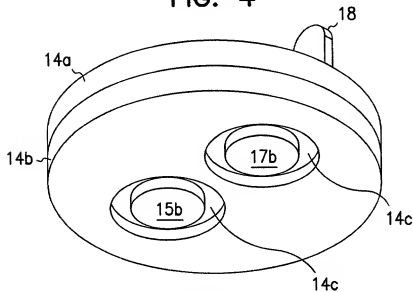


FIG. 5

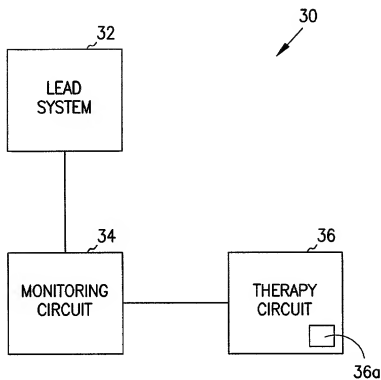


FIG. 6